

AB1111

Breaking Barriers to Employment Initiative

Nontraditional Occupations

Nontraditional (male-dominated) detailed occupations by women's share of employment and median weekly earnings, 2014 annual averages.

| Occupations | Total number of workers (in thousands) | Women as a percentage of total employed in the occupation | Women's median weekly earnings | Men's median weekly earnings* | Women's earnings as a percentage of men's* |
|---|--|---|--------------------------------|-------------------------------|--|
| Total workers, all occupations | 416,305 | 46.9% | \$719 | \$871 | 82.5% |
| Cement masons, concrete finishers, and terrazzo workers | 58 | 0.0% | - | - | - |
| Derrick, rotary drill, and service unit operators, oil, gas, and mining | 54 | 0.0% | - | \$1,187 | - |
| Crane and tower operators | 74 | 0.2% | - | \$959 | - |
| Bus and truck mechanics and diesel engine specialists | 323 | 0.3% | - | \$811 | - |
| Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers | 93 | 0.3% | - | \$559 | - |
| Roofers | 206 | 0.5% | - | \$620 | - |
| Heavy vehicle and mobile equipment service technicians and mechanics | 211 | 0.5% | - | \$886 | - |
| Brickmasons, blockmasons, and stonemasons | 142 | 0.7% | - | \$656 | - |
| Heating, air conditioning, and refrigeration mechanics and installers | 378 | 1.2% | - | \$773 | - |

| | | | | | |
|---|-------|------|---|---------|---|
| Tool and die makers | 67 | 1.3% | - | \$1,025 | - |
| Automotive service technicians and mechanics | 883 | 1.4% | - | \$737 | - |
| Locomotive engineers and operators | 55 | 1.4% | - | \$1,197 | - |
| Highway maintenance workers | 123 | 1.5% | - | \$94 | - |
| Mining machine operators | 68 | 1.5% | - | \$1,047 | - |
| Other extraction workers | 92 | 1.5% | - | \$1,126 | - |
| Pipelayers, plumbers, pipefitters, and steamfitters | 564 | 1.6% | - | \$916 | - |
| Automotive body and related repairers | 133 | 1.6% | - | \$668 | - |
| Carpenters | 1,282 | 1.7% | - | \$699 | - |
| Operating engineers and other construction equipment operators | 336 | 1.8% | - | \$862 | - |
| Structural iron and steel workers | 52 | 2.0% | - | - | - |
| Stationary engineers and boiler operators | 96 | 2.0% | - | \$1,051 | - |
| Drywall installers, ceiling tile installers, and tapers | 162 | 2.1% | - | \$595 | - |
| Small engine mechanics | 50 | 2.1% | - | - | - |
| Carpet, floor, and tile installers and finishers | 170 | 2.3% | - | \$687 | - |
| First-line supervisors of construction trades and extraction workers | 696 | 2.4% | - | \$1,033 | - |
| Electricians | 769 | 2.4% | - | \$884 | - |
| Construction laborers | 1,686 | 2.5% | - | \$605 | - |
| Industrial and refractory machinery mechanics | 454 | 2.8% | - | \$876 | - |
| Electrical power-line installers and repairers | 115 | 3.0% | - | \$1,018 | - |
| Maintenance and repair workers, general | 471 | 3.2% | - | \$812 | - |
| Aircraft mechanics and service technicians | 127 | 3.3% | - | \$1,062 | - |
| Pest control workers | 80 | 3.7% | - | \$653 | - |
| Telecommunications line installers and repairers | 184 | 4.4% | - | \$877 | - |
| Machinists | 391 | 4.5% | - | \$770 | - |
| Water and wastewater treatment plant and system operators | 72 | 4.5% | - | \$835 | - |
| Helpers, construction trades | 57 | 4.7% | - | - | - |
| First-line supervisors of landscaping, lawn service, and groundskeeping workers | 210 | 4.8% | - | \$716 | - |

| | | | | | |
|---|-------|-------|-------|---------|-------|
| First-line supervisors of mechanics, installers, and repairers | 284 | 4.8% | - | \$1,040 | - |
| Welding, soldering, and brazing workers | 615 | 4.8% | - | \$733 | - |
| Sheet metal workers | 110 | 5.2% | - | \$857 | - |
| Other installation, maintenance, and repair workers | 224 | 5.2% | - | \$811 | - |
| Logging workers | 71 | 5.4% | - | - | - |
| Home appliance repairers | 51 | 5.6% | - | - | - |
| Firefighters | 300 | 5.7% | - | \$1,142 | - |
| Chemical processing machine setters, operators, and tenders | 63 | 5.8% | - | \$831 | - |
| Driver/sales workers and truck drivers | 3,406 | 5.8% | \$545 | \$739 | 73.7% |
| Painters, construction and maintenance | 561 | 6.0% | - | \$562 | - |
| Grounds maintenance workers | 1,398 | 6.3% | - | \$454 | - |
| Aircraft pilots and flight engineers | 133 | 7.2% | - | \$1,446 | - |
| Construction managers | 711 | 7.4% | - | \$1,332 | - |
| Radio and telecommunications equipment installers and repairers | 134 | 7.4% | - | \$846 | - |
| Industrial truck and tractor operators | 564 | 7.4% | - | \$595 | - |
| Security and fire alarm systems installers | 58 | 7.5% | - | - | - |
| Automotive and watercraft service attendants | 97 | 7.5% | - | \$518 | - |
| Architectural and engineering managers | 122 | 7.6% | - | \$1,975 | - |
| First-line supervisors of firefighting and prevention workers | 58 | 7.8% | - | \$1,448 | - |
| Computer control programmers and operators | 71 | 8.1% | - | \$790 | - |
| Refuse and recyclable material collectors | 84 | 8.6% | - | \$564 | - |
| Mechanical engineers | 303 | 8.8% | - | \$1,453 | - |
| Motor vehicle operators, all other | 61 | 8.9% | - | - | - |
| Surveying and mapping technicians | 77 | 9.7% | - | \$882 | - |
| Cabinetmakers and bench carpenters | 51 | 9.9% | - | - | - |
| Parking lot attendants | 78 | 10.5% | - | \$441 | - |

| | | | | | |
|--|-------|-------|---------|---------|-------|
| Engineers, all other | 406 | 11.7% | - | \$1,488 | - |
| Crushing, grinding, polishing, mixing, and blending workers | 69 | 11.7% | - | \$694 | - |
| Construction and building inspectors | 78 | 12.2% | - | \$1,028 | - |
| Electrical and electronics engineers | 271 | 12.3% | - | \$1,568 | - |
| Computer network architects | 123 | 12.4% | - | \$1,650 | - |
| Police and sheriff's patrol officers | 680 | 12.4% | \$743 | \$1,043 | 71.2% |
| Cleaners of vehicles and equipment | 375 | 12.4% | - | \$480 | - |
| Painting workers | 156 | 12.7% | - | \$703 | - |
| Taxi drivers and chauffeurs | 383 | 12.7% | - | \$609 | - |
| Chemical engineers | 79 | 13.0% | - | \$1,570 | - |
| Broadcast and sound engineering technicians and radio operators | 108 | 13.0% | - | \$958 | - |
| Computer, automated teller, and office machine repairers | 265 | 13.3% | - | \$889 | - |
| Cost estimators | 105 | 13.7% | - | \$1,074 | - |
| Precision instrument and equipment repair | 85 | 14.2% | - | \$836 | - |
| Computer hardware engineers | 84 | 15.3% | - | \$1,795 | - |
| Parts salespersons | 93 | 15.3% | - | \$643 | - |
| Aerospace engineers | 147 | 15.6% | - | \$1,727 | - |
| First-line supervisors of police and detectives | 126 | 15.9% | - | \$1,149 | - |
| Industrial engineers, including health and safety | 194 | 16.0% | - | \$1,464 | - |
| Couriers and messengers | 233 | 16.0% | - | \$737 | - |
| Civil engineers | 349 | 16.5% | \$1,275 | \$1,406 | 90.7% |
| Barbers | 110 | 16.8% | - | - | - |
| Industrial production managers | 273 | 17.8% | - | \$1,383 | - |
| Information security analysts | 68 | 18.1% | - | - | - |
| Drafters | 138 | 18.1% | - | \$986 | - |
| Television, video, and motion picture camera operators and editors | 72 | 18.1% | - | - | - |
| Supervisors of transportation and material moving workers | 199 | 18.3% | - | \$925 | - |
| Laborers and freight, stock, and material movers, hand | 1,867 | 18.3% | \$476 | \$546 | 87.2% |
| Clergy | 433 | 18.6% | \$763 | \$1,007 | 75.8% |
| First-line supervisors of production and operating workers | 789 | 18.6% | \$659 | \$942 | 70.0% |

| | | | | | |
|---|-------|-------|---------|---------|-------|
| Network and computer systems administrators | 205 | 19.1% | - | \$1,286 | - |
| Printing press operators | 187 | 19.6% | - | \$686 | - |
| Software developers, applications and systems software | 1,235 | 19.8% | \$1,457 | \$1,736 | 83.9% |
| Baggage porters, bellhops, and concierges | 85 | 20.2% | - | \$664 | - |
| Miscellaneous agricultural workers | 739 | 20.2% | \$369 | \$437 | 84.4% |
| Metal workers and plastic workers, all other | 342 | 20.4% | \$511 | \$647 | 79.0% |
| Engineering technicians, except drafters | 369 | 20.5% | \$785 | \$1,066 | 73.6% |
| First-line supervisors of protective service workers, all other | 91 | 20.9% | - | \$1,004 | - |
| Detectives and criminal investigators | 164 | 21.0% | - | \$1,183 | - |
| Dishwashers | 246 | 21.2% | - | \$364 | - |
| Computer Programmers | 509 | 21.4% | \$1,253 | \$1,447 | 86.6% |
| Chefs and head cooks | 430 | 21.4% | \$531 | \$601 | 88.4% |
| Transportation, storage, and distribution managers | 260 | 21.6% | \$836 | \$1,014 | 82.4% |
| Cutting workers | 60 | 21.9% | - | - | - |
| Chiropractors | 66 | 22.4% | - | - | - |
| Security guards and gaming surveillance officers | 899 | 22.6% | \$514 | \$589 | 87.3% |
| Computer occupations, all other | 512 | 23.1% | \$984 | \$1,122 | 87.7% |
| Butchers and other meat, poultry, and fish processing workers | 331 | 23.5% | \$457 | \$537 | 85.1% |
| Farmers, ranchers, and other agricultural managers | 941 | 23.8% | - | \$818 | - |
| Cutting, punching, and press machine setters, operators, and tenders, metal and plastic | 85 | 24.2% | - | \$663 | - |
| Environmental scientists and geoscientists | 91 | 24.5% | - | \$1,388 | - |
| Production workers, all other | 947 | 24.7% | \$492 | \$676 | 72.8% |
| Helpers - production workers | 303 | 25.1% | - | - | - |
| Architects, except naval | 61 | 25.3% | - | \$1,391 | - |

Notes:

- Nontraditional or male-dominated occupations are those in which women represent 25 percent or less of total employed. Occupations include those with a sample size of at least 50,000 people employed.
- Total number of workers and women as a percentage of total employed are 2014 annual averages for all people employed (includes part-time and self-employed).
<http://www.bls.gov/cps/cpsaat11.htm>
 - * Median weekly earnings are 2014 annual averages based on full-time wage and salary workers only. <http://www.bls.gov/cps/cpsaat39.htm>
- Dash indicates no data or base is less than 50,000.

Source: Bureau of Labor Statistics, Current Population Survey

